102.18 - Zirconium Base Alloys (chip form)

Technical Contact: john.sieber@nist.gov

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	360b
Description	Zirconium (Sn-Fe-Cr) Alloy
Unit of Issue	(100 g)

(concentrations are in mass fraction, in mg/kg, unless noted as %)

Al	57
As	(7)
B	0.191
C	109
Cd	(<1)
Cl	(<1)
Co	0.97
Cr	1043
Cu	12.5
F	(<10)
Fe	2138
Ga	(<1)
H	43.5
Hf	78.5

SRM	360b
Description	Zirconium (Sn-Fe-Cr) Alloy
Unit of Issue	(100 g)

(concentrations are in mass fraction, in mg/kg, unless noted as %)

Mg	(<1)
Mn	9.2
Mo	(<25)
N	45
Nb	(<50)
Ni	22.5
P	8.7

Values in parentheses are given for information value only.

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Pb	(<5)
S	(30)
Sb	(1)
Si	80
Sn	1.555 %
Ta	(<100)
Ti	15.5
U	(<2)

SRM	**360b**
Description	**Zirconium (Sn-Fe-Cr) Alloy**
Unit of Issue	**(100 g)**

(concentrations are in mass fraction, in mg/kg, unless noted as %)

V	(<30)
W	(<50)
Zn	(<50)

Values in parentheses are given for information value only.